

U.S. Application No.
Unknown

International Application No.
PCT/IB98/01193

418 Rec PCT/PTO 14 JAN 2000

Attorney Docket No.
GENSET.020APC

Date: January 14, 2000

09/463075 Page 1

**TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 USC 371**

International Application No.: PCT/IB98/01193
International Filing Date: July 17, 1998
Priority Date Claimed: July 18, 1997
Title of Invention: BIALLELIC MARKERS FOR USE IN CONSTRUCTING A HIGH DENSITY
DISEQUILIBRIUM MAP OF THE HUMAN GENOME
Applicant(s) for DO/EO/US: Daniel Cohen, Marta Blumenfeld and Ilia Tchoumakov

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. (X) This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. () This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. (X) This express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 371(b) and PCT Articles 22 and 39(1).
4. (X) A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. (X) A copy of the International Application as filed (35 USC 371(c)(2)).
 - a) () is transmitted herewith (required only if not transmitted by the International Bureau).
 - b) (X) has been transmitted by the International Bureau.
 - c) () is not required, as the application was filed in the United States Receiving Office (RO/US).
6. () A translation of the International Application into English (35 USC 371(c)(2)).
7. (X) Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
 - a) () are transmitted herewith (required only if not transmitted by the International Bureau).
 - b) () have been transmitted by the International Bureau.
 - c) () have not been made; however, the time limit for making such amendments has NOT expired.
 - d) (X) have not been made and will not be made.
8. () A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. (X) An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
10. (X) A copy of the International Preliminary Examination Report with any annexes thereto, such as any amendments made under PCT Article 34.
11. () A translation of the annexes, such as any amendments made under PCT Article 34, to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

09/463075

U.S. Application No.
UnknownInternational Application No.
PCT/IB98/01193

428 Rec'd PCT/PTO

14 JAN 2000

Attorney Docket No.
GENSET.020APC

Date: January 14, 2000

Page 2

Items 11. to 16. below concern other document(s) or information included:

12. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
13. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
14. ☒ A FIRST preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or address letter.
17. ☒ International Application as published.
18. ☐ Small Entity Statement.
19. ☐ PCT Form PCT/IPEA/402.
20. ☐ PCT Form PCT/IB/308.
21. ☐ PCT request form.
22. ☐ Other Items or information:
23. ☒ A return prepaid postcard.
24. ☒ The following fees are submitted:

				FEES
BASIC FEE				\$840
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	38 - 20 =	18 ×	\$18	\$324
Independent Claims	2 - 3 =	1 ×	\$78	\$0
Multiple dependent claims(s) (if applicable)			\$260	\$260
TOTAL OF ABOVE CALCULATIONS				\$1424
TOTAL NATIONAL FEE				\$1,424
TOTAL FEES ENCLOSED				\$1,424

25. ☒ A Sequence Submission Statement.
26. ☒ Sequence Listing in computer readable format.

09463075.011400

09/463075

U.S. Application No.
Unknown



International Application No.
PCT/IB98/01193

428 Rec'd PCT



14 JAN 2000

Attorney Docket No.
GENSET.020APC

Date: January 14, 2000

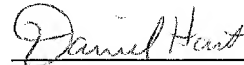
Page 3

27. (X) A check in the amount of \$1424 to cover the above fees is enclosed.
28. () Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property.
29. (X) The Commissioner is hereby authorized to charge only those additional fees which may be required to avoid abandonment of the application, or credit any overpayment to Deposit Account No. 11-1410. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

KNOBBE, MARTENS, OLSON & BEAR, LLP
620 Newport Center Drive
Sixteenth Floor
Newport Beach, CA 92660


Signature

Daniel Hart
Printed Name

40,637
Registration Number

S:\DOCS\DOH\DOH-3888.DOC
011400

09463075-011400



01/14/00

LOUIS J. KNOBBE*
DON W. MARTENS*
GORDON H. OLSON*
JAMES B. BEAR
DARRELL L. OLSON*
WILLIAM B. BUNKER
WILLIAM H. NIEMAN
LOWELL ANDERSON
ARTHUR S. ROSE
JAMES F. LESNIAK
NED A. ISRAELSEN
DREW S. HAMILTON
JERRY T. SEWELL
JOHN B. SGANGA, JR.
EDWARD A. SCHLATTER
GERARD VON HOFFMANN
JOSEPH R. RE
CATHERINE J. HOLLAND
JOHN M. CARSON
KAREN VOGEL WEIL
ANDREW H. SIMPSON
JEFFREY L. VAN HOOSEAR
DANIEL E. ALTMAN
MARGUERITE L. GUNN
STEPHEN C. JENSEN
VITO A. CANUSO III
WILLIAM H. SHREVE
LYNDA J. ZADRA-SYMES*
STEVEN J. NATAUPSKY
PAUL A. STEWART
JOSEPH F. JENNINGS
CRAIG S. SUMMERS
ANNEMARIE KAISER
BRENTON R. BABCOCK

THOMAS F. SMERAL, JR.
MICHAEL H. TRENHOLM
DIANE M. REED
JONATHAN A. BARNEY
RONALD J. SCHOENBAUM
JOHN R. KING
FREDERICK S. BERRETTA
NANCY WAYS VENSKO
JOHN P. GIEZENTANNER
ADEEL S. AKHTAR
GINGER R. DREGER
THOMAS R. ARNO
DAVID N. WEISS
DANIEL HART, PH.D.
DOUGLAS G. MUEHLHAUSER
LORI LEE YAMATO
MICHAEL K. FRIEDLAND
STEPHEN M. LOBBIN
ROBERT F. GAZDZINSKI
STACEY R. HALPERN
DALE C. HUNT, PH.D.
LEE W. HENDERSON, PH.D.
DEBORAH S. SHEPHERD
RICHARD E. CAMPBELL
MARK M. ABUMERI
JON W. GURKA
KATHERINE W. WHITE
ERIC M. NELSON
ALEXANDER C. CHEN
MARK R. BENEDICT, PH.D.
PAUL N. CONOVER
ROBERT J. ROBY
SABING H. LEE
KAROLINE A. DELANEY

Assistant Commissioner for Patents
Washington, D.C. 20231

INTELLECTUAL PROPERTY LAW
KNOBBE, MARTENS, OLSON & BEA
A LIMITED LIABILITY PARTNERSHIP INCLUDING
PROFESSIONAL CORPORATIONS

PATENT, TRADEMARK AND COPYRIGHT CAUSES

501 WEST BROADWAY

SUITE 1400

SAN DIEGO, CALIFORNIA 92101-3505

(619) 235-8550

FAX (619) 235-0176

INTERNET: WWW.KMOB.COM

JOHN W. HOLCOMB
JAMES J. MULLEN, III, PH.D.
JOSEPH S. CIANFRANI
JOSEPH M. REISMAN, PH.D.
WILLIAM R. ZIMMERMAN
GLEN L. NUTTALL
ERIC S. FURMAN, PH.D.
DO TE KIM
TIRZAH ABE LOWE
GEOFFREY Y. IIDA
ALEXANDER S. FRANCO
SANJIVPAL S. GILL
SUSAN M. MOSS
JAMES W. HILL, M.D.
ROSE M. THIESSEN, PH.D.
MICHAEL L. FULLER
MICHAEL A. GUILIANA
MARK J. KERTZ
RABINDER N. NARULA
BRUCE S. ITCHKAWITZ, PH.D.
PETER M. MIDGLEY
THOMAS S. MCCLENAHAN
MICHAEL S. OKAMOTO
M. CHRISTINA THOMSON
JOHN M. GROVER
MALLARY K. MCCARTHY
IRFAN A. LATEEF
AMY C. CHRISTENSEN
SHARON S. NG
MARK J. GALLAGHER, PH.D.
DAVID G. JANKOWSKI, PH.D.
BRIAN C. HORNE
PAYSON J. LEMELLEUR

OF COUNSEL
JERRY R. SEILER

JAPANESE PATENT ATTY
KATSUHIRO ARAI**

EUROPEAN PATENT ATTY
MARTIN HELLEBRANDT

KOREAN PATENT ATTY
MINCHEOL KIM

SCIENTISTS & ENGINEERS
(NON-LAWYERS)

RAIMOND J. SALENIEKS**
NEIL S. BARTFELD, PH.D.**
DANIEL E. JOHNSON, PH.D.**
JEFFERY KOEPKE, PH.D.
KHURRAM RAHMAN, PH.D.
JENNIFER A. HAYNES, PH.D.
BRENDAN P. O'NEILL, PH.D.
THOMAS Y. NAGATA
ALAN C. GORDON
PABLO S. HUERTA
LINDA H. LIU
MICHAEL J. HOLIHAN
YASHWANT VAISHNAV, PH.D.
MEGUMI TANAKA

* A PROFESSIONAL CORPORATION
* ALSO BARRISTER AT LAW (U.K.)
** U.S. PATENT AGENT

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Attorney Docket No. : GENSET.020APC

Applicant(s) : Cohen, et al.

For : BIALLELIC MARKERS FOR USE IN
CONSTRUCTING A HIGH DENSITY
DISEQUILIBRIUM MAP OF THE HUMAN
GENOME

Attorney : Daniel Hart

"Express Mail"

Mailing Label No. : EL 501 129 855 US

Date of Deposit : January 14, 2000

I hereby certify that the accompanying

Transmittal in Duplicate; National Phase Filing Application, including a Sequence Submission Statement; Preliminary Amendment; copy of the Demand for International Preliminary Examination; Declaration of Inventors; copy of International Preliminary Examination Report; Check(s) for Filing Fee(s); Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

John Riedel

S:\DOCS\DOH\DOH-3897.DOC
011400

201 CALIFORNIA STREET
SUITE 1150
SAN FRANCISCO, CALIFORNIA 94111
(415) 954-4114
FAX (415) 954-4111

620 NEWPORT CENTER DRIVE
SIXTEENTH FLOOR
NEWPORT BEACH, CALIFORNIA 92660
(949) 760-0404
FAX (949) 760-9502

3801 UNIVERSITY AVENUE
SUITE 710
RIVERSIDE, CALIFORNIA 92501
(909) 781-9231
FAX (909) 781-4507

1875 CENTURY PARK EAST
SUITE 600
LOS ANGELES, CALIFORNIA 90067
(310) 407-5484
FAX (310) 407-5485

PATENT APPLICATION SERIAL NO. **09 / 463075**

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

01/25/2000 WCLAYBRD 00000055 09463075

01 FC:970	840.00 DP
02 FC:966	324.00 DP
03 FC:968	260.00 DP

PTO-1556

1587